505272153 01/10/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5318925

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KYLE LEE OBERST	12/21/2018
MARK EDUARD PFLUM	12/21/2018
HENRY THOMAS YOUNGBLOOD	12/20/2018

RECEIVING PARTY DATA

Name:	THE BOEING COMPANY
Street Address:	100 N. RIVERSIDE PLAZA
City:	CHICAGO
State/Country:	ILLINOIS
Postal Code:	60606-1596

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16244516

CORRESPONDENCE DATA

Fax Number: (214)200-0810

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 214-651-5000

Email: ipdocketing@haynesboone.com

HAYNES AND BOONE, LLP (70186) IP SECTION **Correspondent Name:**

Address Line 1: 2323 VICTORY AVENUE

Address Line 2: SUITE 700

Address Line 4: DALLAS, TEXAS 75219

ATTORNEY DOCKET NUMBER:	70186.508US02_82057
NAME OF SUBMITTER:	GREG J. MICHELSON
SIGNATURE:	/Greg. J. Michelson/
DATE SIGNED:	01/10/2019

Total Attachments: 3

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> **PATENT REEL: 047955 FRAME: 0192** 505272153

Docket No.: 70186.508US02 (17-2358-US-NP(2))

ASSIGNMENT

WHEREAS, Kyle Lee Oberst, residing at Everett, Washington, Mark Eduard Pflum, residing at Mukilteo. Washington, and Henry Thomas Youngblood, residing at Redmond, Washington (hereinafter "Assignors") have invented certain new and useful inventions and improvements (hereinafter "Invention") described in the United States patent application entitled AUTOMATED ENGAGEMENT OF AND DISENGAGEMENT FROM A FITTING for which Assignor is making or has made application for LETTERS PATENT OF THE UNITED STATES, which application has been duly executed by Assignor concurrently herewith; or filed on Jan. 10, 2019 as Application No. 16/244.516

WHEREAS. The Boeing Company, a corporation organized and existing under the laws of the State of Delaware, USA, having a place of business at 100 N. Riverside Plaza. Chicago, Illinois 60606-1596, with a mailing address of 100 N. Riverside Plaza, Chicago, Illinois 60606-1596, USA (hereinafter called "the Assignee"), is desirous of acquiring the entire right, title and interest in and to the Invention within the United States of America and its territorial possessions and all foreign countries, and in and to any United States or foreign LETTERS PATENT that may be granted therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged. Assignors have assigned, sold and transferred, and do assign, sell and transfer to the Assignee, its successors and assigns, its entire right, title and interest in and to the Invention within the United States of America and its territorial possessions and all foreign countries, and in and to any LETTERS PATENT of the United States and foreign countries, including utility mexicls, inventor's certificates and like government grants that may be granted for any and all portions thereof, and in and to the patent application identified above and applications for patent filed for the Invention in all foreign countries and all provisional, divisional, reissue, continuation, continuation-in-part applications and extensions of any of the applications for patent or LETTERS PATENT identified herein, including all applications claiming the priority of said applications for patent or LETTERS PATENT identified herein, and the right to apply for LETTERS PATENT in foreign countries with full benefit of such priorities as may now or hereafter be granted to Assignors by local laws or by treaty, including any international convention, for the protection of industrial property, together with the right to extend the protection of the United States LETTERS PATENT to the various territorial possessions now owned or which may be hereafter acquired by the United States of America. Assignee will hold all rights for its own use and benefit and for the use and benefit of its successors or assigns to the full end of the term for which the LETTERS PATENT may be granted, as fully and entirely as the same would have been held and enjoyed by Assignors if this assignment and sale had not been made. Assignors request and authorize the Commissioner of the U.S. Patent and Trademark Office, and foreign counterpart officials of foreign patent offices, to issue respective LETTERS PATENT in the United States and foreign countries when granted, in accordance with this assignment.

Assignors further covenant and agree with the Assignee that Assignors have a full and unencumbered title to the Assignors' interest in the Invention, which title Assignors warrant to the Assignee. Assignors further agree that Assignors will, without demanding any further consideration therefor, at the request and expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining, sustaining, extending, reissuing or reexamining United States and foreign LETTERS PATENT or the like for the Invention, and for maintaining and perfecting the Assignee's right to the Invention and LETTERS PATENT particularly in cases of interference conflict, opposition and litigation.

Assignors authorize and direct any of the attorneys responsible for prosecuting the subject application on behalf of the ASSIGNEE to insent the application number and filing date of the subject application in this assignment.

IN TESTIMONY WHEREOF, we have signed this Assignment on the date specified below.

144 445 Ryle Lee Obersi	12/21/18
Kyle Lee Oberst	Date
Mark Eduard Pflum	Date
Henry Thomas Youngblood	Daie

PATENT REEL: 047955 FRAME: 0193

Docket No.: 70186.508US02 (17-2358-US-NP[2])

ASSIGNMENT

WHEREAS, Kyle Lee Oberst, residing at Everett, Washington, Mark Eduard Pflum, residing at Mukilteo, Washington, and Henry Thomas Youngblood, residing at Redmond, Washington (hereinafter "Assignors") have invented certain new and useful inventions and improvements (hereinafter "Invention") described in the United States patent application entitled AUTOMATED ENGAGEMENT OF AND DISENGAGEMENT FROM A FITTING for which Assignor is making or has made application for LETTERS PATENT OF THE UNITED STATES, which application has been duly executed by Assignor concurrently herewith; or filed on Jan. 10, 2019 as Application No. 16/244,516

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NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, Assignors have assigned, sold and transferred, and do assign, sell and transfer to the Assignee, its successors and assigns, its entire right, title and interest in and to the Invention within the United States of America and its territorial possessions and all foreign countries, and in and to any LETTERS PATENT of the United States and foreign countries, including utility models, inventor's certificates and like government grants that may be granted for any and all portions thereof, and in and to the patent application identified above and applications for patent filed for the Invention in all foreign countries and all provisional, divisional, reissue, continuation, continuation-in-part applications and extensions of any of the applications for patent or LETTERS PATENT identified herein, including all applications claiming the priority of said applications for patent or LETTERS PATENT identified herein, and the right to apply for LETTERS PATENT in foreign countries with full benefit of such priorities as may now or hereafter be granted to Assignors by local laws or by treaty, including any international convention, for the protection of industrial property, together with the right to extend the protection of the United States LETTERS PATENT to the various territorial possessions now owned or which may be hereafter acquired by the United States of America. Assignee will hold all rights for its own use and benefit and for the use and benefit of its successors or assigns to the full end of the term for which the LETTERS PATENT may be granted, as fully and entirely as the same would have been held and enjoyed by Assignors if this assignment and sale had not been made. Assignors request and authorize the Commissioner of the U.S. Patent and Trademark Office, and foreign counterpart officials of foreign patent offices, to issue respective LETTERS PATENT in the United States and foreign countries when granted, in accordance with this assignment.

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IN TESTIMONY WHEREOF, we have signed this Assignment on the date specified below.

Kyle Lee Oberst	Date	
Mark Eduard Pflum	12/21/18 Date	
Henry Thomas Youngblood	Date	

Docket No.: 70186,508US02 (17-2358-US-NP[2])

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IN TESTIMONY WHEREOF, we have signed this Assignment on the date specified below.

Kyle Lee Oberst	Date	
Mark Eduard Pflum	Date 3	
Alor Upargi	Dod izpi)	gaden
Henry Thomas Youngblood	Date	

4830-7324-7603 v.1

RECORDED: 01/10/2019

PATENT REEL: 047955 FRAME: 0195